



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

033360

7590

11/10/2005

MARK D. MCSWAIN IBM ALMADEN RESEARCH CENTER, IP LAW DEPT.

CHTA/J2B **SAN JOSE, CA 95120**

650 HARRY ROAD

EXAMINER

NAWAZ, ASAD M

ART UNIT

PAPER NUMBER

2155

DATE MAILED: 11/10/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,857	01/09/2002	Nimrod Megiddo	ARC920000123US1	2242

TITLE OF INVENTION: MASSIVELY COMPUTATIONAL PARALLIZABLE OPTIMIZATION MANAGEMENT SYSTEM AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	02/10/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

indicated unless corrected maintenance fee notificati	I below or directed otherwise ons.	in Block 1, by (a)	specifying a new	correspondence addres	ss; and/or (b) indicating a sepa	trate "FEE ADDRESS" for	
CURRENT CORRESPONDE	NCE ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate	of mailing can only be used for	or domestic mailings of the	
				Fee(s) Transmittal. I papers. Each addition	of mailing can only be used for first certificate cannot be used in all paper, such as an assignment	for any other accompanying ent or formal drawing, must	
033360	7590 11/10/2005			have its own certification	ate of mailing or transmission.		
MARK D. MCS				C	ertificate of Mailing or Trans	mission	
	RESEARCH CENTER	, IP LAW DEP	T.	I hereby certify that States Postal Service	this Fee(s) Transmittal is being with sufficient postage for fir	g deposited with the United st class mail in an envelope	
650 HARRY RO	AD			addressed to the M	this Fee(s) Transmittal is being with sufficient postage for fir ail Stop ISSUE FEE address SPTO (571) 273-2885, on the co	above, or being facsimile	
CHTA/J2B SAN JOSE, CA 9	5120		•		11 10 (371) 273-2003, On the C	(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	I	FIRST NAMED INVE	NTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/045,857	01/09/2002		Nimrod Megide	do	ARC920000123US1	2242	
TITLE OF INVENTION:	MASSIVELY COMPUTATION	ONAL PARALLIZ	•			,	
			TIBLE OF THIRD	TION MININAGEMEN	1 STOTEM AND METHOD		
					•		
APPLN. TYPE	SMALL ENTITY	ISSUE FE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO NO	\$1400		\$300	\$1700		
•					\$1700	02/10/2006	
	MINER	ART UNI	T (CLASS-SUBCLASS			
NAWAZ, ASAD M		2155		709-232000			
 Change of corresponden CFR 1.363). 	ice address or indication of "F	ee Address" (37		the patent front page,	4		
	ndence address (or Change of 122) attached.	Correspondence	or agents OR, alt	up to 3 registered pat ernatively,	ent attorneys		
			(2) the name of a	single firm (having as	s a member a 2		
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
3. ASSIGNEE NAME AN	D RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (print	or type)			
PLEASE NOTE: Unles recordation as set forth	ss an assignee is identified bein 37 CFR 3.11. Completion	elow, no assignee of of this form is NOT	lata will appear on a substitute for fili	the patent. If an assignment,	gnee is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIG	NEE	(B)	RESIDENCE: (CI	TY and STATE OR CO	OUNTRY)		
				•		•	
Please check the appropria	te assignee category or catego	ries (will not be pri	nted on the patent)	Individual 🔲	Corporation or other private gro	oup entity Government	
ta. The following fee(s) an	e enclosed:		Payment of Fee(s)				
Issue Fee			A check in the amount of the fee(s) is enclosed.				
	small entity discount permitte		☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to				
☐ Advance Order - # o	of Copies		The Director is Deposit Account N	hereby authorized by umber	charge the required fee(s), or (enclose an extra c	credit any overpayment, to opy of this form).	
5. Change in Entity Statu	s (from status indicated above	·)					
	SMALL ENTITY status. See				ALL ENTITY status. See 37 C		
The Director of the USPTO NOTE: The Issue Fee and nterest as shown by the re-	D is requested to apply the Issu Publication Fee (if required) v cords of the United States Pate	ue Fee and Publicati vill not be accepted ent and Trademark (ion Fee (if any) or to from anyone other Office.	o re-apply any previou than the applicant; a re	sly paid issue fee to the applica gistered attorney or agent; or th	tion identified above. ne assignee or other party in	
Authorized Signature _				Date			
Typed or printed name		····					
This collection of informat	ion is required by 37 CFR 1.3	11. The information	is required to obta	in or retain a benefit by	the public which is to file (and	by the USPTO to process)	
in application. Confidential submitting the completed a his form and/or suggestion 30x 1450, Alexandria, Vinitial 2221	olity is governed by 35 U.S.C. application form to the USPT is for reducing this burden, shipping 22313-1450. DO NOT	122 and 37 CFR 1 O. Time will vary of sould be sent to the SEND FEES OR C	.14. This collection depending upon the Chief Information OMPLETED FOR!	is estimated to take 12 individual case. Any of Officer, U.S. Patent and MS TO THIS ADDRES	the public which is to file (and 2 minutes to complete, includin comments on the amount of tir d Trademark Office, U.S. Deps SS. SEND TO: Commissioner	g gathering, preparing, and ne you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,	
tionaliaia, viiginia 22313	7-1430.				t displays a valid OMP control		



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/045,857 01/09/2002		Nimrod Megiddo	ARC920000123US1	2242	
033360	7590 11/10/2005		EXAM	INER	
MARK D. MCSWAIN IBM ALMADEN RESEARCH CENTER, IP LAW DEPT.			NAWAZ,	NAWAZ, ASAD M	
	650 HARRY ROAD			PAPER NUMBER	
CHTA/J2B	0.51.50		2155		
SAN JOSE, CA 95120			DATE MAILED, 11/10/2005		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 761 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 761 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.